



^a Reagents: (a) Mesitylenesulfonyl chloride, NaOH (aq), CH₂Cl₂, 82%; (b) NaH, *N*-(3-bromopropyl)-*N*-ethylmesitylenesulfonamide, DMF, 73%; (c) 30% HBr in HOAc, PhOH, CH₂Cl₂; NaOH; HCl, 64%.

Figure